

Title (en)
Hydrophilic polymer composite and product containing same

Title (de)
Hydrophiles Polymerverbundmaterial und dieses enthaltende Produkte

Title (fr)
Composites de polymère hydrophile et produits les contenant

Publication
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Application
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US 1789493 A 19930216

Abstract (en)
[origin: EP0611800A2] By mixing a hydrophilic polymer into an elastomer matrix, elastomers loaded with hydrophilic polymer are prepared which have unique properties. In the illustrated method, a hydrophilic polymer is mixed with an elastomer base polymer. In one embodiment, the hydrophilic polymer forms fibers in a resulting elastomeric matrix. A base elastomer matrix interspersed with hydrophilic polymer made according to the invention can be used in reinforced elastomeric products such as tires. <IMAGE>

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IPC 8 full level
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